

The diagram illustrates the frequency allocation for 300 MHz Cellular and 1900 MHz PCS. The Cellular band (112-118 MHz) shows a 25 MHz gap between 116 MHz and 118 MHz. The PCS band (120-142 MHz) shows a 5 MHz gap between 136 MHz and 140 MHz. The diagram is divided into sections for 'REVERSE TRANSMIT' and 'FORWARD RECEIVE' for both bands. The Cellular band is labeled '100' and the PCS band is labeled '102'.

Band	Frequency (MHz)	Mode	Channel Label	Bandwidth (MHz)
300 MHz Cellular	112	Reverse Transmit	a	25
	116	Reverse Transmit	b	
	118	Forward Receive	c	25
	114	Forward Receive	a	
1900 MHz PCS	120	Reverse Transmit	A	5
	124	Reverse Transmit	E	
	128	Reverse Transmit	C	
	132	Forward Receive	D	5
	136	Forward Receive	E	
	140	Forward Receive	F	
	122	Reverse Transmit	A	15
	126	Reverse Transmit	B	
	130	Reverse Transmit	C	
	134	Forward Receive	D	5
	138	Forward Receive	E	
	142	Forward Receive	F	

PRIOR ART

FIG. 1

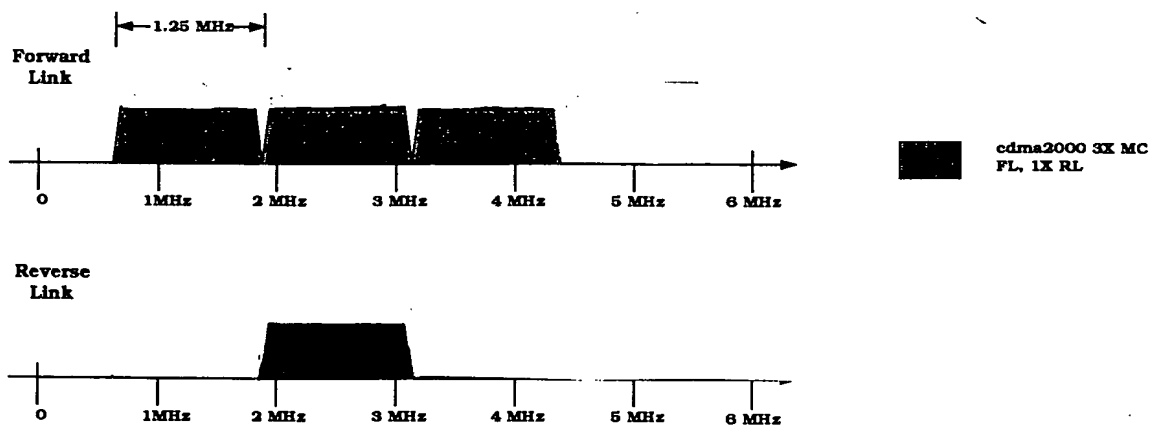


FIG. 2

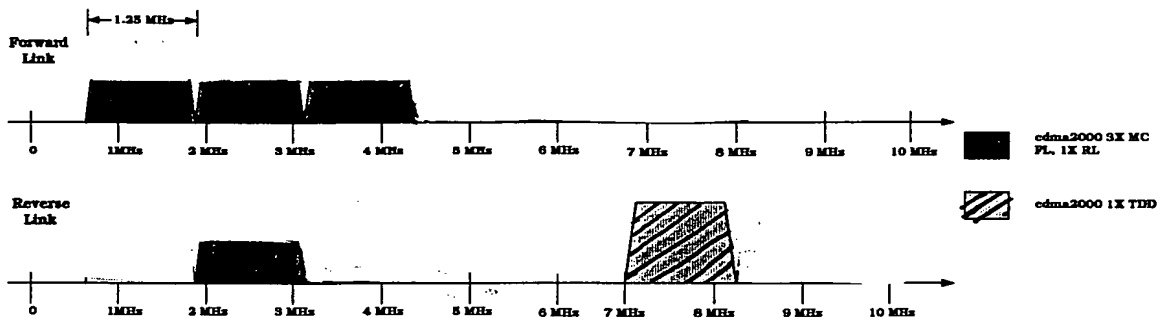


FIG. 3

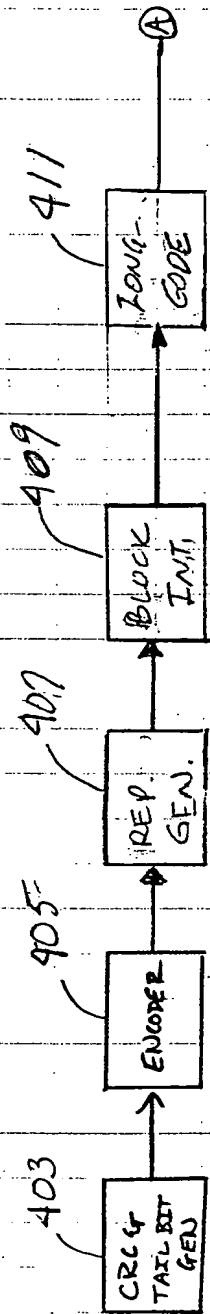


FIG. 4b

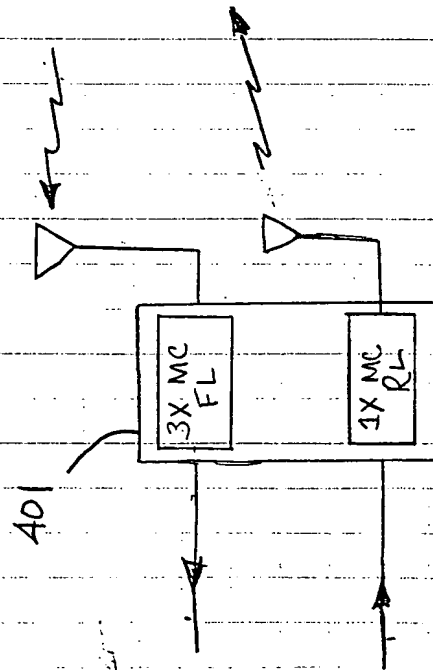
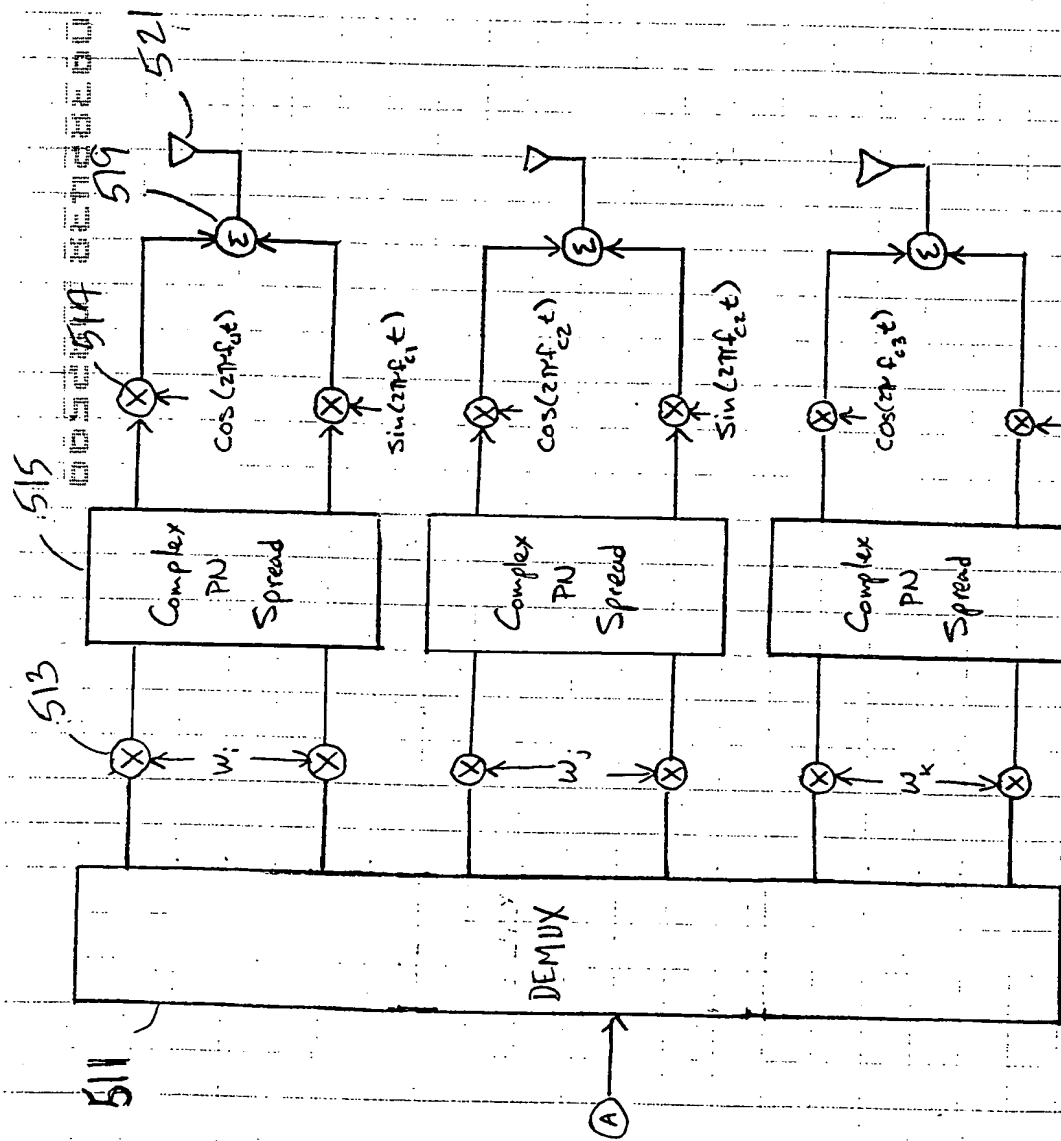


FIG. 4a



MC Base station

FIG. 5b

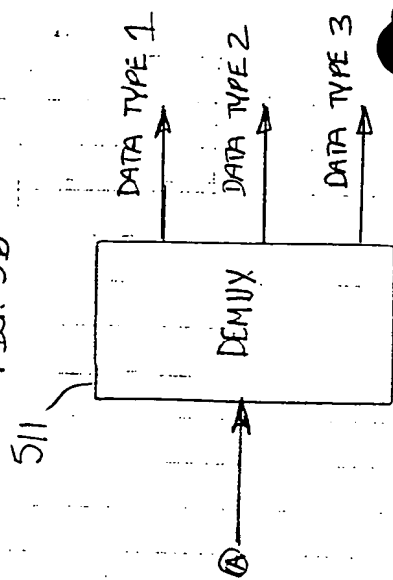
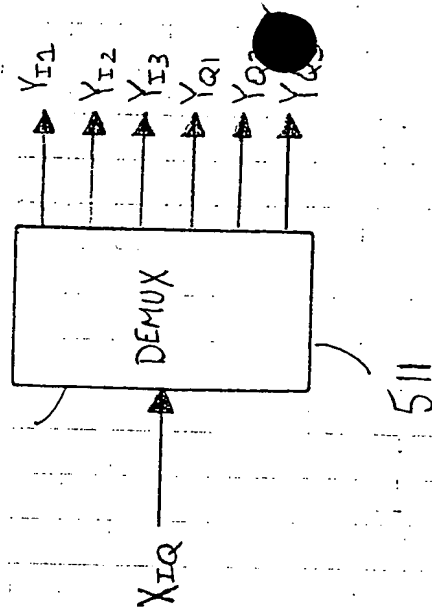


FIG. 5c





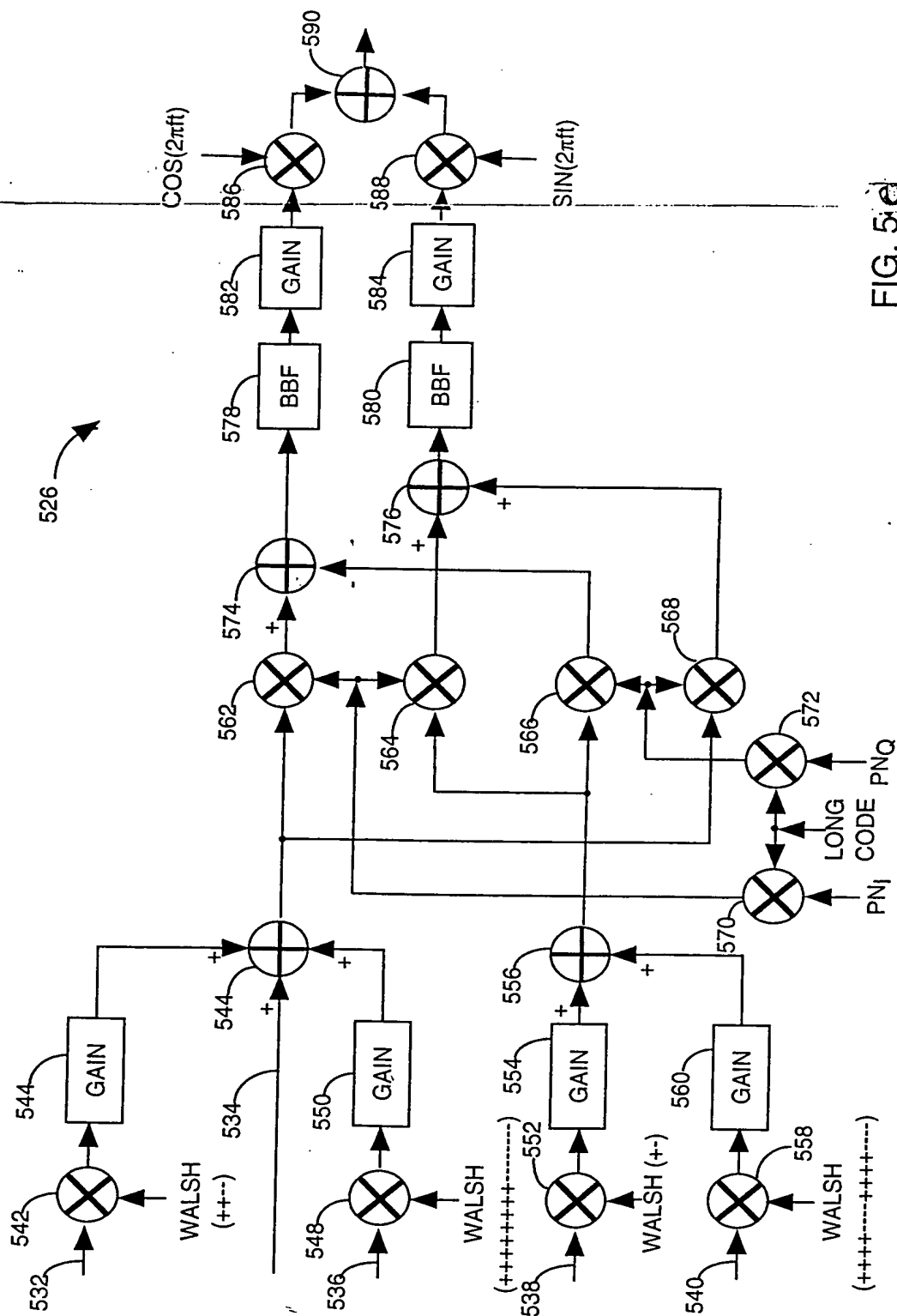


FIG. 5

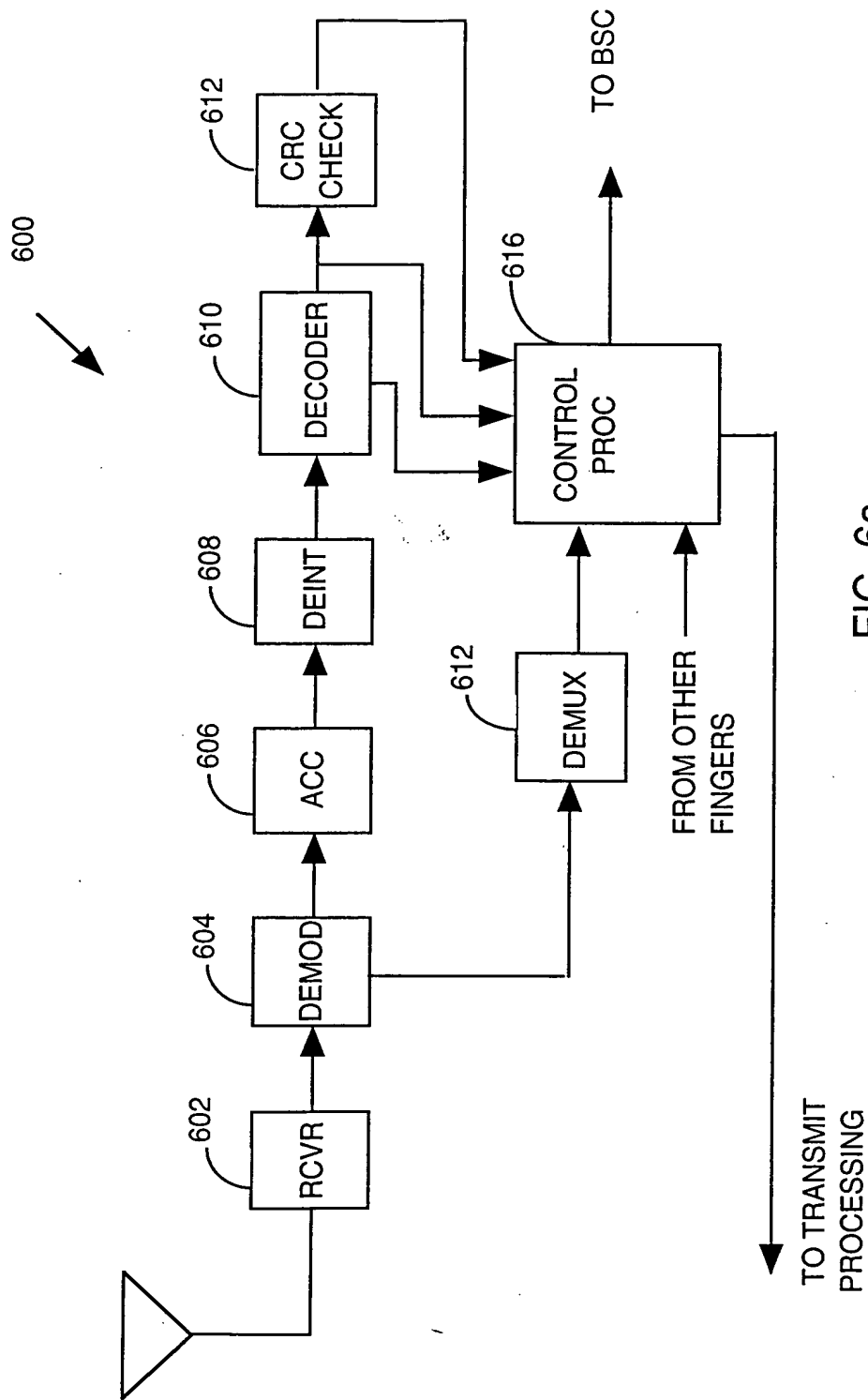


FIG. 6a



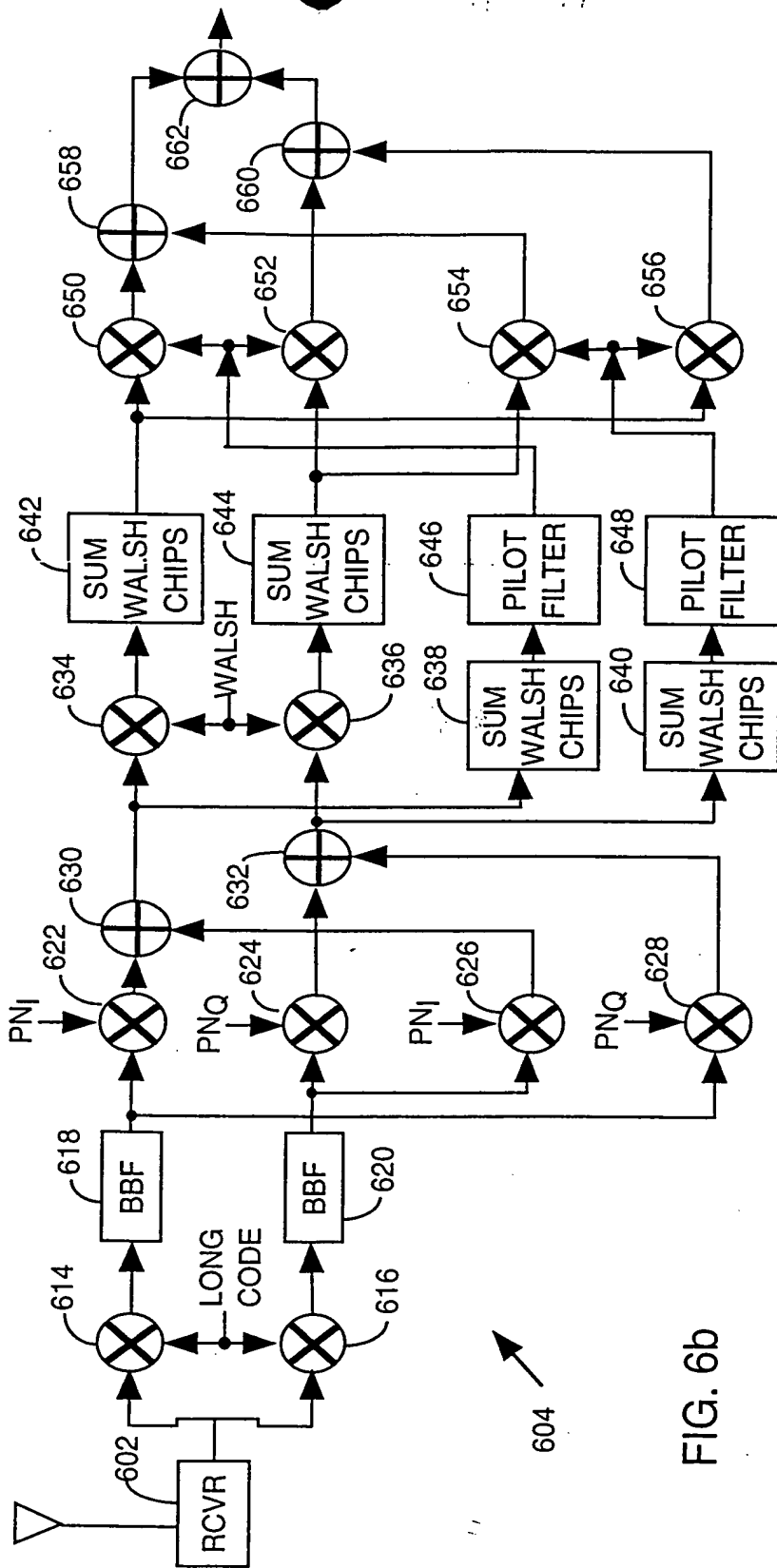


FIG. 6b